

Appln. No. 10/733,957
Response to Office Action dated Mar. 9, 2005
Amendment dated June 8, 2005

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-59. (Canceled)

60. (Currently Amended) An apparatus for sensing pressure applied to a seat by an occupant of the seat and for controlling deployment of an airbag, comprising:

a bladder defining a chamber, said bladder being adapted to be arranged in a seat portion of the seat;

a control module arranged to control deployment of the airbag; and

a pressure sensor for measuring a pressure in said chamber, said pressure sensor generating a signal based on the measured pressure in said chamber and providing said signal to said control module, ~~wherein said control module is arranged to control deployment of the airbag.~~

61. (Canceled)

62. (Previously Presented) A method for controlling an occupant restraint device arranged to protect an occupant in a vehicle in a crash involving the vehicle, comprising the steps of:

arranging a bladder defining a chamber in a seat portion of a seat in the vehicle;

measuring a pressure in the chamber;

providing a signal based on the measured pressure in the chamber to a control module; and

controlling deployment of the occupant restraint device by means of the control module.

63. (Canceled)

64. (Previously Presented) The method of claim 62, wherein the occupant restraint device is an airbag.

65. (Currently Amended) A vehicle including a system for protecting an occupant in the vehicle in a crash involving the vehicle, comprising:

an occupant restraint device arranged in the vehicle to protect the occupant of the vehicle;

a seat having a seat portion;

Appln. No. 10/733,957
Response to Office Action dated Mar. 9, 2005
Amendment dated June 8, 2005

a bladder having a chamber, said bladder being arranged in said seat portion;
a control module arranged to control deployment of said occupant restraint device; and
a pressure sensor for measuring a pressure in said chamber, said pressure sensor generating a signal based on the measured pressure in said chamber and providing said signal to said control module ;
~~and an occupant restraint device arranged in the vehicle to protect the occupant of the vehicle, wherein said control module is arranged to control deployment of said occupant restraint device.~~

66. (Currently Amended) The ~~system~~ vehicle of claim 65, wherein ~~[[the]]~~ said occupant restraint device is an airbag.

67. (Previously Presented) The method of claim 62, further comprising the step of controlling at least one other vehicular system, subsystem or component by means of the control module.

68. (Previously Presented) The method of claim 67, wherein the at least one other system, subsystem or component is a pressure control device which controls pressure in the chamber.

69. (New) The apparatus of claim 60, wherein said control module is arranged to control deployment of the airbag based at least in part on the measured pressure in said chamber.

70. (New) The apparatus of claim 60, wherein said control module is arranged to control deployment of the airbag based on the signal generated by said pressure sensor and provided by said pressure sensor to said control module.

71. (New) The method of claim 62, wherein deployment of the occupant restraint device by means of the control module is controlled based at least in part on the measured pressure in the chamber.

72. (New) The vehicle of claim 65, wherein said control module is arranged to control deployment of said occupant restraint device based at least in part on the measured pressure in said chamber.

Appln. No. 10/733,957
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73. (New) The vehicle of claim 65, wherein said control module is arranged to control deployment of said occupant restraint device based on the signal generated by said pressure sensor and provided by said pressure sensor to said control module.